



Soil Disturbance Site Survey Assessment Report

Authorization Number: DAD01ELE
Project Title: B776 Power Pole Installation
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Radiological Engineering
Number: 061-00
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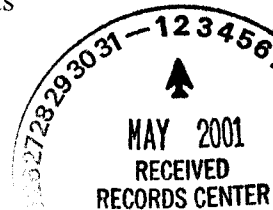
This work package involves excavation to install two power poles at locations in the 700 Area. The attached work package includes maps of the specific excavation locations. The locations of each planned excavation are in Individual Hazardous Substance Sites (IHSS) and in areas with suspected elevated radionuclide concentrations from the 700 Area processes (and 1969 fire). The pole labeled SK-02 is close to several process waste lines (IHSS 121 and PAC 000-504).

Sampling is required as written in the environmental assessment. Soil samples shall be collected as stated in the environmental assessment to determine the concentration of radioactive constituents in addition to the required environmental sampling requirements. The samples should include isotopic analysis due to the history of this area. It is recommended that the sampling be performed in advance of the work. Sample results shall be forwarded to RISS & B776 Radiological Engineering. Results of previous soil sample data are attached to this assessment.

The area in which work will be conducted is controlled by B776. A copy of this correspondence has been sent to Gary Chandler, B776 Radiological Safety Manager. Please contact Gary at X5889 for further radiological support.

A Radiological Work Permit shall be required to perform this work based on the results of previous soil samples conducted in the area and the potential to encounter contamination.

For the unrestricted release of **all wastes** generated and the unrestricted **release of property/equipment/samples** associated with this project, items must be evaluated in accordance with *PRO-141-RSP-09.01*, Unrestricted Release of Property, Material, Equipment and Waste, and *PRO-1004-RSP-09.08*, Radioactive Material Transfer and Unrestricted Release of Property, Waste and Samples.



Written direction from K-H Environmental Compliance (Greg Sollner, x3541) will be required to disposition soils on site.

Deviations from the currently defined scope of work will require further evaluation by Radiological Engineering.

If any unusual material/debris is encountered during this excavation, work must be stopped and Radiological Engineering notified for evaluation prior to continuing.